Coating compositions containing substituted and unsubstituted exomethylene lactone or lactam monomers

Description of Technology: This invention is directed to a coating composition and in particular to a clear coating composition used for original equipment manufacturing (OEM) or refinishing uses in the automotive industry, which coating composition utilizes an acrylic polymer which contains one or more substituted or unsubstituted exomethylene lactones or lactams as a comonomer.

Patent Listing:

1. **US Patent No. 6,642,346**, Issued November 4, 2003, "Coating compositions containing substituted and unsubstituted exomethylene lactone or lactam monomers"
   http://patft.uspto.gov/netacgi/nph-Parser?Sect2=PTO1&Sect2=HITOFF&p=1&u=%2Fnetahtml%2FPTO%2Fsearch-bool.html&r=1&f=G&l=50&d=PALL&RefSrch=yes&Query=PN%2F6642346

Market Potential: It is well known that consumers prefer automobiles and trucks with an exterior finish having an attractive aesthetic appearance, including high gloss and excellent DOI (distinctness of image). While ever more aesthetically attractive finishes have been obtained, deterioration of the finish over time, whereby the exterior finish of an automobile or truck loses its luster or other aspects of its aesthetic appearance, may be all the more noticeable. In order to protect and preserve the aesthetic qualities of the finish on a vehicle, it is common to provide a clear (unpigmented) clear coat over a colored (pigmented) basecoat, so that the basecoat remains unaffected even on prolonged exposure to the environment or weathering.

Benefits:

- Reduces finish marring

Applications:

- Clear coating composition used for original equipment manufacturing

Contact: Ken Anderson
Director, Entrepreneurial & Small Business Support, Delaware Economic Development Office (DEDO)
Carvel State Building, 820 French Street, Wilmington, DE, 19801
Phone: (302) 577-8496, Fax: (302) 577-8499, Email: Kenneth.R.Anderson@state.de.us